| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals   | Time Stamp       |
|----------|------|--|---|---------------------|-----------|------------------|
| L1       | 2    | "20020055919".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON        | 2007/12/26 11:28 |
| L2       | 2    | "20040024739".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON        | 2007/12/26 11:40 |
| L3       | • 1  | "20040024739".pn. and result   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON        | 2007/12/26 12:00 |
| L4       | 2    | "6675159".pn. and result   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON        | 2007/12/26 12:27 |
| L5       | 1    | "6675159".pn. and result and<br>extract\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON        | 2007/12/26 12:39 |
| L6       |      | document with result same<br>extract\$3 with (concept or theme or<br>feature or keyword)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON .      | 2007/12/26 12:40 |
| L7       | 323  | (search\$3 or retriev\$3) with<br>document with result same<br>extract\$3 with (concept or theme or<br>feature or keyword)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON        | 2007/12/26 12:40 |
| L8       | 70   | (search\$3 or retriev\$3) with<br>document with result same<br>extract\$3 with (concept or theme or<br>feature or keyword) and<br>(knowledge or taxonomy or<br>ontolog\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | <b>ON</b> | 2007/12/26 13:23 |

|     |    |  |   |         |    | · · · · · · · · · · · · · · · · · · · |
|-----|----|--|---|---------|----|---------------------------------------|
| L9  | 51 | (search\$3 or retriev\$3) with<br>document with result same<br>extract\$3 with (concept or theme or<br>feature) and (knowledge or<br>taxonomy or ontolog\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON | 2007/12/26 13:14                      |
| L10 |    | (search\$3 or retriev\$3) with<br>document with result same<br>extract\$3 with (concept or theme or<br>feature or keyword or topic) and<br>(knowledge or taxonomy or<br>ontolog\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON | 2007/12/26 14:14                      |
| L11 | 13 | (search\$3 or retriev\$3) with<br>document with result same<br>extract\$3 with (concept or theme or<br>feature or topic) and (knowledge or<br>taxonomy or ontolog\$3 or map)<br>with similar\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON | 2007/12/26 14:14                      |
| L12 | 39 | (search\$3 or retriev\$3) with<br>document with result same<br>extract\$3 with (concept or theme or<br>feature or topic) and (knowledge or<br>taxonomy or ontolog\$3 or map)<br>with (similar\$3 or match\$3 or<br>relat\$3 or relative or relationship)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON | 2007/12/26 14:16                      |
| L13 | 39 | (search\$3 or retriev\$3) with<br>document with result same<br>extract\$3 with (concept or theme or<br>feature or topic) and (knowledge or<br>taxonomy or ontolog\$3 or map)<br>with (similar\$3 or match\$3 or<br>relat\$3 or relative or relationship)<br>and extract\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON | 2007/12/26 14:19                      |
| L14 | 40 | (search\$3 or retriev\$3 or quer\$3)<br>with document with result same<br>extract\$3 with (concept or theme or<br>feature or topic) and (knowledge or<br>taxonomy or ontolog\$3 or map)<br>with (similar\$3 or match\$3 or<br>relat\$3 or relative or relationship)<br>and extract\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR      | ON | 2007/12/26 14:21                      |
| L15 | 21 | (search\$3 or retriev\$3 or quer\$3)<br>with document with result same<br>extract\$3 with (concept or theme or<br>feature or topic) and (knowledge or<br>taxonomy or ontolog\$3 or map)<br>with (similar\$3 or match\$3 or<br>relat\$3 or relative or relationship)<br>with (concept or theme or feature<br>or topic) and extract\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR<br>, | ON | 2007/12/26 14:41                      |

| L16 | 2  | "20030115191".pn. and concept   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 16:28 |
|-----|----|---|---|----|----|------------------|
| L17 | 17 | (search\$3 or retriev\$3 or quer\$3)<br>with document with result same<br>extract\$3 with (concept or theme or<br>feature or topic) and (knowledge or<br>taxonomy or ontolog\$3 or map)<br>with (similar\$3 or match\$3 or<br>relat\$3 or relative or relationship)<br>with (concept or theme or feature<br>or topic) and extract\$3 and (tag\$3<br>or meta\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 15:15 |
| L18 | 2  | "20030115191".pn. and related   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 16:51 |
| L19 | 30 | (search\$3 or retriev\$3 or quer\$3)<br>with document same result same<br>extract\$3 with (concept or theme or<br>feature or topic) and (knowledge or<br>taxonom\$3 or ontolog\$3 or map\$3)<br>with (similar\$3 or match\$3 or<br>relat\$3 or relative or relationship)<br>with (concept or theme or feature<br>or topic) and extract\$3 and (tag\$3<br>or meta\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 15:19 |
| L20 |    | (search\$3 or retriev\$3 or quer\$3)<br>with document same result same<br>extract\$3 with (concept or theme or<br>feature or topic) and (knowledge or<br>taxonom\$3 or ontolog\$3 or map\$3<br>or topology or tree or "directed<br>graph") with (similar\$3 or match\$3<br>or relat\$3 or relative or<br>relationship) with (concept or<br>theme or feature or topic) and<br>extract\$3 and (tag\$3 or meta\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 15:20 |

| L21 | 34 | (search\$3 or retriev\$3 or quer\$3)<br>with document same result same<br>extract\$3 with (concept or theme or<br>feature or topic) and (knowledge or<br>taxonom\$3 or ontolog\$3 or map\$3<br>or topology or tree or "directed<br>graph") with (similar\$3 or match\$3<br>or relat\$3 or relative or<br>relationship) with (concept or<br>theme or feature or topic) and<br>extract\$3 and (tag\$3 or meta\$4)<br>and (search\$3 or retriev\$3 or<br>quer\$3) same result | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 17:07 |
|-----|----|--|---|----|----|------------------|
| L22 | 2  | "6963867".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 16:28 |
| L23 | 1  | "20050015361".pn. and related  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 16:51 |
| L24 | 2  | "20050015361".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 16:51 |
| L25 | 2  | "6763361".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 16:52 |
| L26 | 2  | "20050015361".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 16:53 |
| L27 | 2  | "20050015363".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 16:54 |

| L28 | 2 | "6968344".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 16:54 |
|-----|---|---|---|----|----|------------------|
| L29 | 2 | "7162469".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 16:55 |
| L30 | 2 | "20020174417".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 16:55 |
| L31 | 2 | "6263339".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 17:28 |
| L32 | 1 | "6263339".pn. and (alert\$3 or<br>alarm\$4 or notif\$6 or show\$3) with<br>(chang\$3 or modif\$6 or updat\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 16:56 |
| L33 | 2 | "20050044089".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 16:58 |
| L34 | 1 | "20050044089".pn. and notif\$6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 16:58 |
| L35 | 1 | "20050044089".pn. and (inform\$4<br>or notif\$6 or alert\$4 or alarm\$4)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/12/26 17:01 |

| L36 | 1   | "20050044089".pn. and type with<br>folder   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/12/26 17:02 |
|-----|-----|---|---|----|------|------------------|
| L37 | 1   | "20050044089".pn. and extension   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/12/26 17:02 |
| L38 | 38  | (search\$3 or retriev\$3 or quer\$3)<br>with document same result same<br>extract\$3 with (concept or theme or<br>feature or topic) and (knowledge or<br>taxonom\$3 or ontolog\$3 or map\$3<br>or topology or tree or "directed<br>graph") with (similar\$3 or match\$3<br>or relat\$3 or relative or relationship<br>or refin\$4 or suggest\$4 or "more<br>like") with (concept or theme or<br>feature or topic) and extract\$3 and<br>(tag\$3 or meta\$4) and (search\$3 or<br>retriev\$3 or quer\$3) same result | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/12/26 17:41 |
| L39 | • 2 | "6963867".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/12/26 17:29 |
| L40 | 1   | "6963867".pn. and age   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/12/26 17:29 |
| L41 | 0   | "6963867".pn. and crawl with time   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON . | 2007/12/26 17:29 |
| L42 | 1   | "6963867".pn. and time  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON   | 2007/12/26 17:29 |